

PATENT APPLICATION
PTO/SB/18A MODIFIED.

Substitution for Item 144B-A/P.T.O. INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary).		Complete If Known		
		Application Number	10/003,092	
		Filing Date	November 2, 2001	
		First Named Inventor	Joern Ostermann et al.	
		Group Art Unit	2841	
Examiner Name	Unknown			
Sheet	of	2	Attorney Docket Number	2000-0600D

U.S. PATENT DOCUMENTS						
Examiner Initiate*	Cite No.*	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
		US 6,453,294		DUTTA et al.	09-2002	
		US 5,640,590		LUTHER, Willis J.	06-1997	
		US 5,555,343		LUTHER, Willis J.	09-1996	
		US 6,539,354		SUTTON et al.	03-2003	
		US 5,546,500		LYBERG, Bertil	08-1996	
		US 6,522,333		HATLELID et al.	02-2003	
		US 5,657,426		WATERS et al.	08-1997	
		US 6,289,085		MIYASHITA et al.	09-2001	
		US 5,857,099		MITCHELL et al.	01-1999	
		US 6,393,107		BALL et al.	05-2002	
		US 6,377,925		GREENE et al.	04-2002	
		US 5,982,853		LIEBERMANN, Raanan	11-1999	
		US 6,002,997	A	TOU, Julius T.	12-1999	
		US 6,385,586	BI	DIETZ, Timothy Alan	05-2002	
		US 5,826,234	A	LYBERG, Bertil	10-1998	
		US 6,243,681	BI	GUJI et al.	06-2001	
		US 5,697,789		SAMETH et al.	12-1997	
		US 6,122,606		JOHNSON, William J.	09-2000	
		US 5,983,190		TROWER et al.	11-1999	
		US 2002/0007276		ROSENBLATT et al.	05-2001	
		US 2003/0035412		WANG et al.	02-20-2003	
		US 2003/0191816	A1	LANDRESS et al.	10-2003	
		US 2001/0049596	A1	LAVINE et al.	12-2001	
		US 2002/0194006	A1	CHALLAPALI, Kiran	12-2002	
		US 2003/0028378	A1	AUGUST et al.	02-2003	
		US 2001/0019330	A1	BICKMORE et al.	09-2001	
		US 2003/0046160		PAZ-PUJALT et al.	03-2003	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Unique citation designation number. *See attached Kinds of U.S. Patent Documents. *Enter Office that issued the document by the two letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language translation is attached.

PTO/SB/08B MODIFIED

*EXAMINER: Initial if referenced considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Unique citation designation number. * See attached Kinds of U.S. Patent Documents * Enter Office that issued the document, by the two letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year or the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.
SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		C mplete If Known	
		Applicant Number	
		Filing Date	
		First Name and Inventor	Joern Ostermann et al
		Group Art Unit	
		Examiner Name	
Sheet	2	of	2
		Attorney Docket Number	2000-0600D

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ^	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AH	"photo-realistic Talking-heads From Image Samples," by E. Cosatto and H. P. Graf, IEEE Transactions on Multimedia, Sept. 2000, Vol. 2, issue 3, pages 152-163.	<input type="checkbox"/>
	AI	"Audio-Visual Speech Modeling for Continuous Speech Recognition," IEEE Trans. on MultiMedia, Vol. 2, No. 3, Sept. 2000.	<input type="checkbox"/>
	AJ	"TTS Based Very Low Bit Rate Speech Coder, by K-S. Lee and R. V. Cox, Proc. ICASSP 1999, Vol. I, March 1999, pp. 181-184.	<input type="checkbox"/>
	AK	"Emu: An E-mail Preprocessor for Text-to-Speech," by Richard Sproat, Jianying Hu, and Hao Chen, IEEE Signal Processing Society 1998 Workshop on Multimedia Signal Processing, Dec. 7-9, 1998, Los Angeles, CA., USA.	<input type="checkbox"/>
	AL	"Trends of ASR and TTS Applications in Japan," Proc. of International Workshop on Interactive Voice Technology for Telecommunications Applications (IVTTA96), Sept. 1996.	<input type="checkbox"/>

Examiner Signature		Date Considered	11/11/05
--------------------	---	-----------------	----------

*EXAMINER: Initial if referenced considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

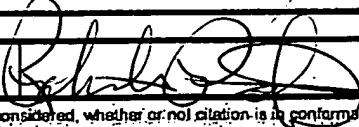
¹ Unique citation designation number ² Applicant is to place a check mark here if English language translation is attached.

SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231

PATENT APPLICATION
PTO/SB/08A MODIFIED

Substitute for form 1448A/PTO.		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary).		Application Number	10/003,092
		Filing Date	November 2, 2001
		First Named Inventor	Joern Ostermann et al.
		Group Art Unit	2841
		Examiner Name	Unknown
Sheet <u>2</u> of <u>2</u>	Attorney Docket Number	2000-0600D	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite. No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published:	T
	1	David Kurlander, Tim Skelly, David Salesin, "Comic Chat", Proceedings of the 23 rd Annual Conference on Computer Graphics and Interactive Techniques, August 1996	<input type="checkbox"/>
	2	Pollack, "Happy in the East or Smiling in the West", New York Times, 12 August 1996.	<input type="checkbox"/>
	3	Relechtaud et al., "Generating Facial Expressions for Speech", Cognitive Science, Jan. 3, 1996, Vol. 20, no. 1, pp. 1-46.	<input type="checkbox"/>
	4		<input type="checkbox"/>
	5		<input type="checkbox"/>
	6		<input type="checkbox"/>

Examiner Signature		Date Considered	11/12/05
-----------------------	---	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. *Applicant is to place a check mark here if English language translation is attached.
SEND TO: Commissioner for Patents, Mail Stop: Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

JAN 03 2005

JC37

Complete if Known

Application Number	10/003,092
Filing Date	November 2, 2001
First Named Inventor	Joern Ostermann
Art Unit	2841
Examiner Name	Unknown
Sheet	2
of	2
Attorney Docket Number	2000-0600D

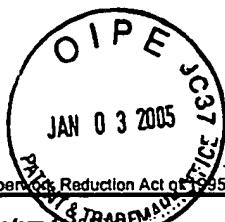
NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		W. Keith Edwards, "The Design and Implementation of the MONTAGE Multimedia Mail System", April 1991, IEEE Conference Proceedings of TRICOMM '91, Pages 47-57	
		Ming Ouhyoung et al "Web-enabled Speech Driven Facial Animation", Proc. of ICAT'99 (Int'l Conference on Artificial Reality and Tele-existence), pp 23-28, Dec.'99, Tokyo, Japan	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



11/3/2000

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

Approved for use through 07/31/2008. GMD 863-003
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 10-1000-10

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number	10/003,092
Filing Date	November 2, 2001
First Named Inventor	Joern Ostermann
Art Unit	2841
Examiner Name	Unknown

Attorney Docket Number 2000-0600D

U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,881,731	03-1999	Liles et al.	
		US- 6,064,383	05-2000	Skelly, Timothy C.	
		US- 5,647,834	07-1997	Ron, Samuel	
		US- 6,545,682	04-2003	Ventrella et al.	
		US- 6,692,359	02-2004	Williams et al.	
		US- 5,781,186	07-1998	Jennings, Terry Don	
		US- 5,860,064	01-1999	Henton, Caorline G.	
		US- 6,405,225	06-2002	Apfel et al.	
		US- 5,555,426	09-1996	Johnson et al.	
		US- 6,232,966	05-2001	Kurlander, David J.	
		US- 5,732,232	03-1998	Brush et al.	
		US- 50,681A1	12-2001	Keys et al.	
		US- 6,542,936	04-2000	Mayle et al.	
		US- 109,680 A1	08-2002	Orbanes et al.	
		US- 50,689 A1	12-2001	Park	
		US- 91,154 A1	05-04	Cote	
		US- 6,230,111	05-2001	Mizokawa, Takahashi	
		US- 5,420,801	05-1995	Dockter et al.	
		US-			

FOREIGN PATENT DOCUMENTS

**Examiner
Signature**

Date
Considered

2/1/05

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²Applicant's unique citation designation number (optional). ³See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁷Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.